

## **I CLAIM:**

1. A lock for a vehicle having a door and a fixed part proximate the door, the lock comprising a housing with a front and a rear, attached to the vehicle door; latch means comprising a hook, said latch means being mounted in said housing, for rotational movement about an axis, between a first position, wherein said hook engages the part to secure the door in the closed position and a second position wherein said hook is remote from the part such that the door can be opened; a latch rotation preventing member moveable relative to said housing, in a direction substantially parallel to said axis, between a forward position, remote from the path of movement of said latch means and a rear position, intersecting the path of said latch means, to retain said latch means in said first position; and means for biasing said member toward said rear position.
2. The lock of Claim 1 further comprising means for locking said member in said rear position.
3. The lock of Claim 2 wherein said locking means comprises a key actuated lock cylinder mounted for movement between a locked position and an unlocked position.
4. The lock of Claim 3 wherein said locking means further comprises a linkage part connected for movement with said lock cylinder and comprising a cam surface.
5. The lock of Claim 4 further comprising a cam on said member, in engagement with said cam surface.
6. The lock of Claim 5 wherein said cam surface comprises the rim of said linkage part.

7. The lock of Claim 6 wherein said linkage part comprises an axis and wherein said rim of said linkage part lies in a plane that is inclined relative to said linkage part axis.
8. The lock of Claim 4 wherein said linkage part comprises a recess into which said lock cylinder is at least partially received.
9. The lock of Claim 1 further comprising a handle accessible from the exterior of the housing and connected to rotate said latch means.
10. The lock of Claim 1 further comprising spring means connected between said latch means and said housing.
11. A lock for a vehicle having a door and a fixed part proximate the door, the lock comprising a housing attached to the vehicle door and having a front and a rear; latch means comprising a section, mounted within said housing and rotatable about an axis extending between the front and rear of said housing, and a hook; a handle accessible from the said front of said housing and connected to rotate said section along a path between a first position, wherein said hook engages the part to secure the vehicle door in the closed position and a second position, wherein the hook is remote from the part such that the door can be opened; a key actuated lock cylinder mounted in said housing for movement between a locked position and an unlocked position; a member, operatively connected to said cylinder, moveable relative to said housing in a direction substantially parallel to said axis about which said section rotates, between a forward position, remote from said path, and a rear position intersecting said path, as said cylinder moves between

said unlocked position and said locked position, and means for biasing said member toward said rear position.

12. The lock of Claim 11 further comprising means operatively connecting said cylinder and said member.
13. The lock of Claim 12 wherein said connecting means comprises a linkage part connected for movement with said lock cylinder, a cam surface on said linkage part and a cam associated with said member, in operative engagement with said cam surface.
14. The lock of Claim 13 wherein said linkage part is rotatable about an axis and wherein said cam surface is situated in a plane is inclined relative to said linkage part axis.
15. The lock of Claim 14 wherein said linkage part has a recess into which said lock cylinder is at least partially received.
16. The lock of Claim 14 wherein said axis of said linkage part is substantially parallel to said axis about which said section rotates.
17. The lock of Claim 13 wherein said cam comprises a protrusion extending from said member.
18. The lock of Claim 17 wherein said member has an axis and wherein said protrusion extends in a direction generally perpendicular to said axis of said member.
19. The lock of Claim 11 further comprising spring means operatively connected between said cover and said latch means.